

FIG. 1

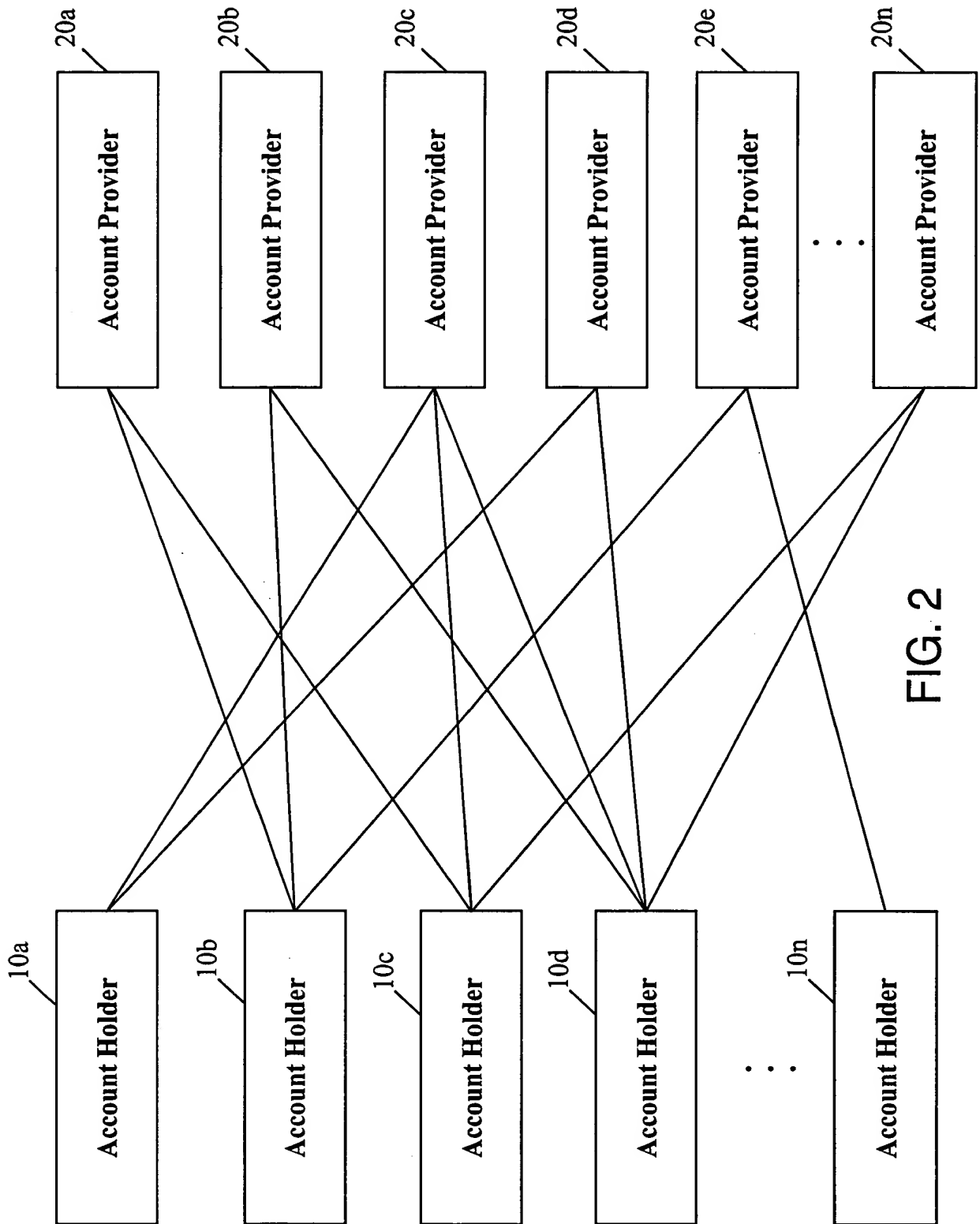


FIG. 2

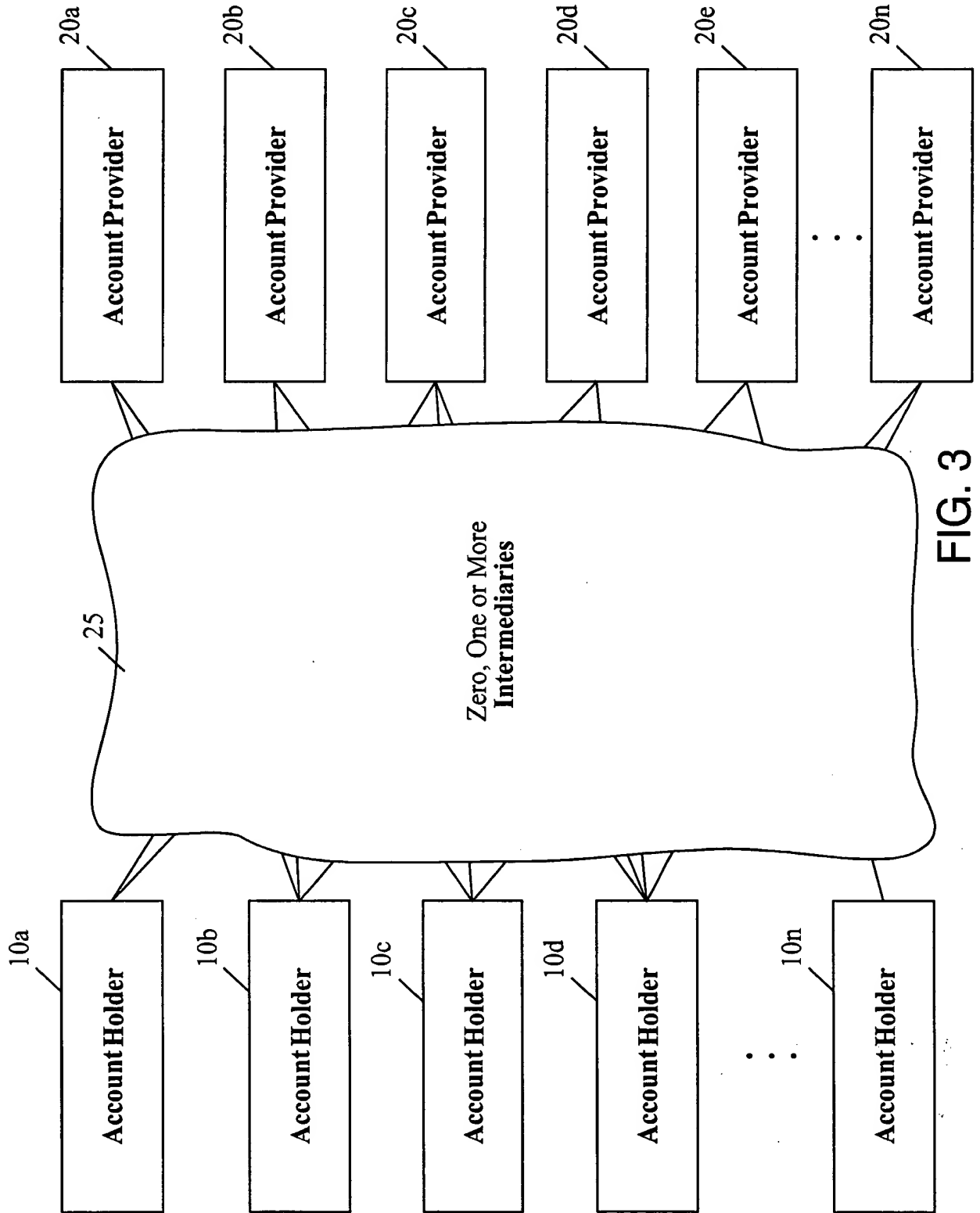


FIG. 3

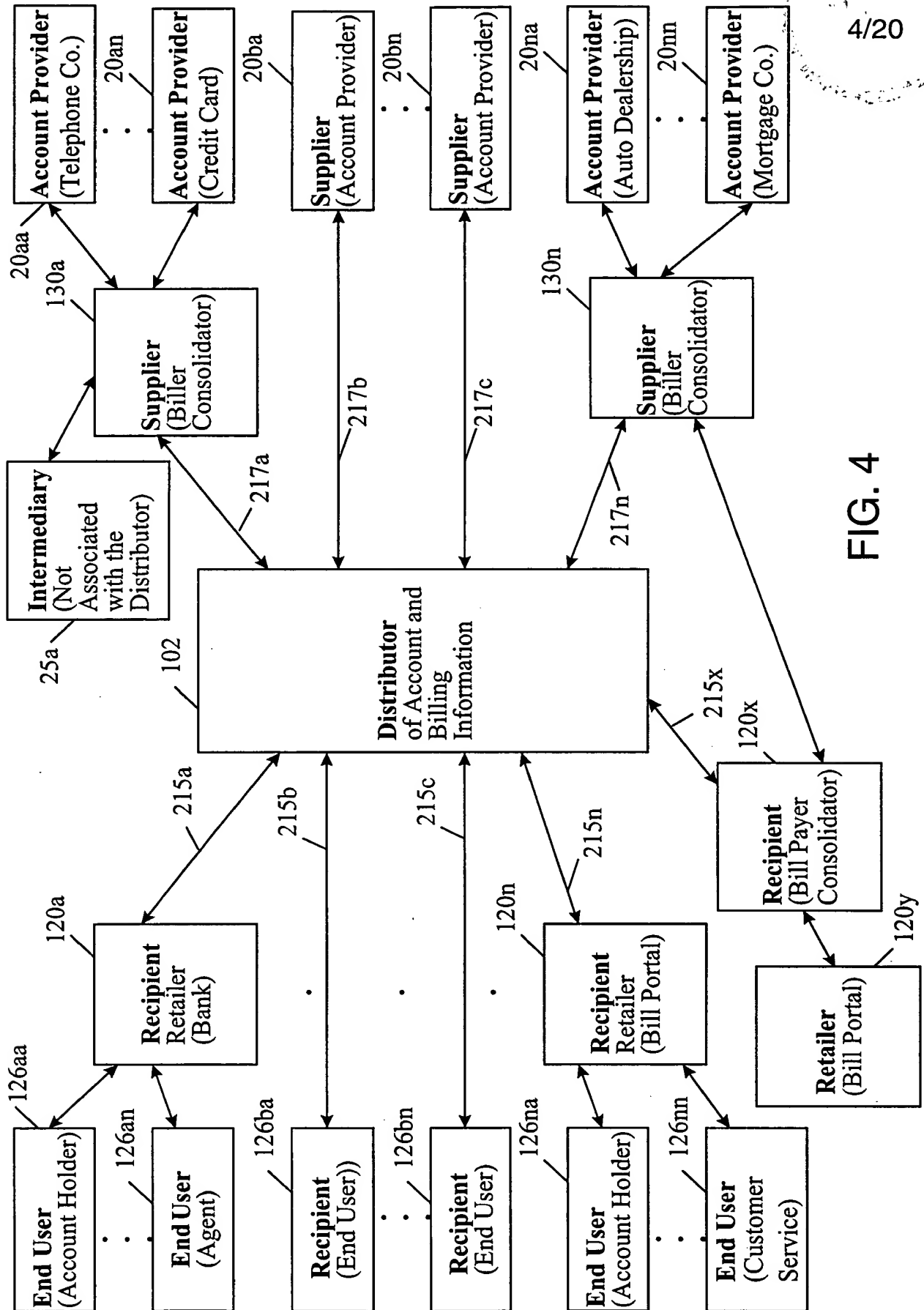


FIG. 4

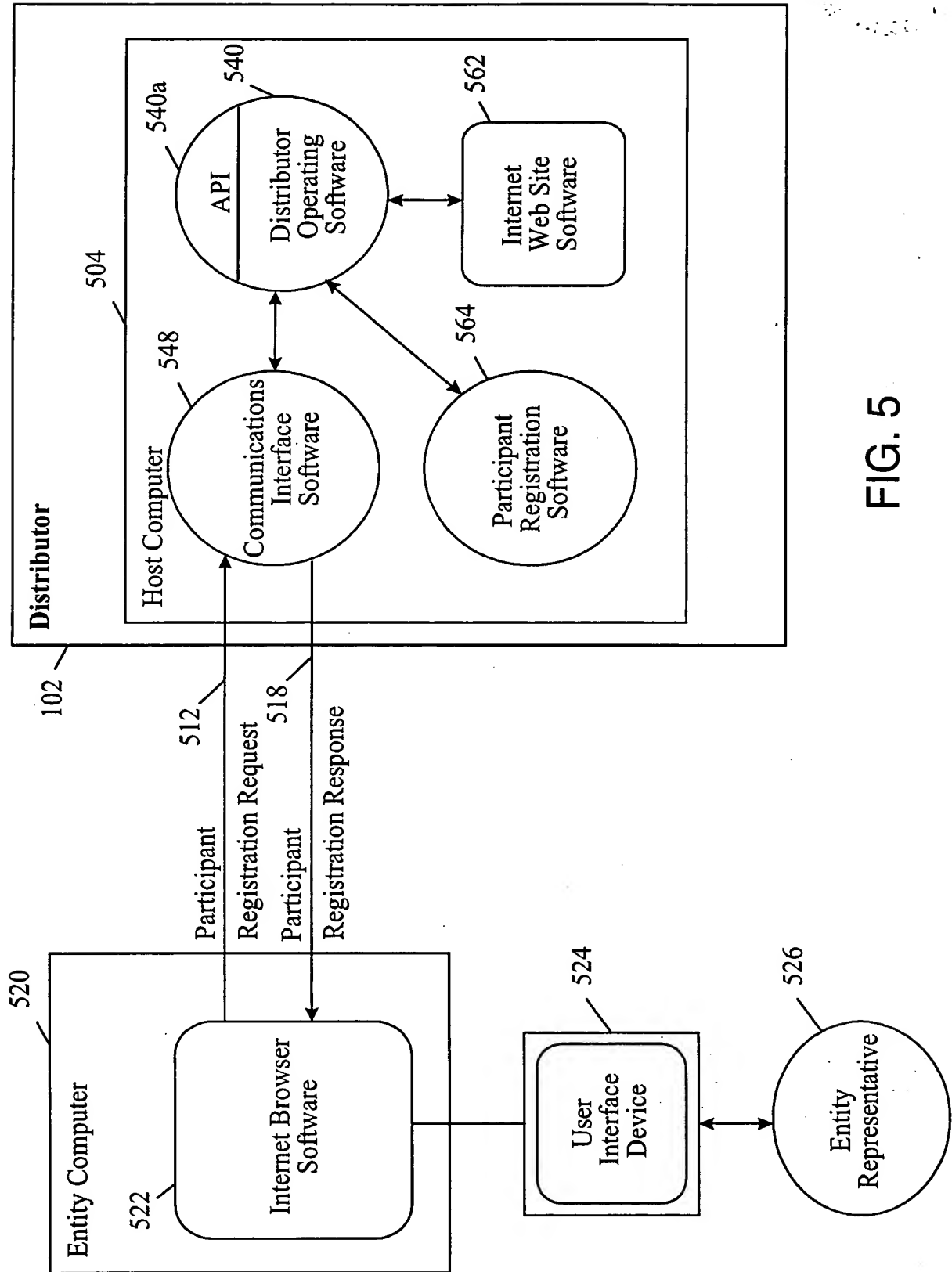


FIG. 5

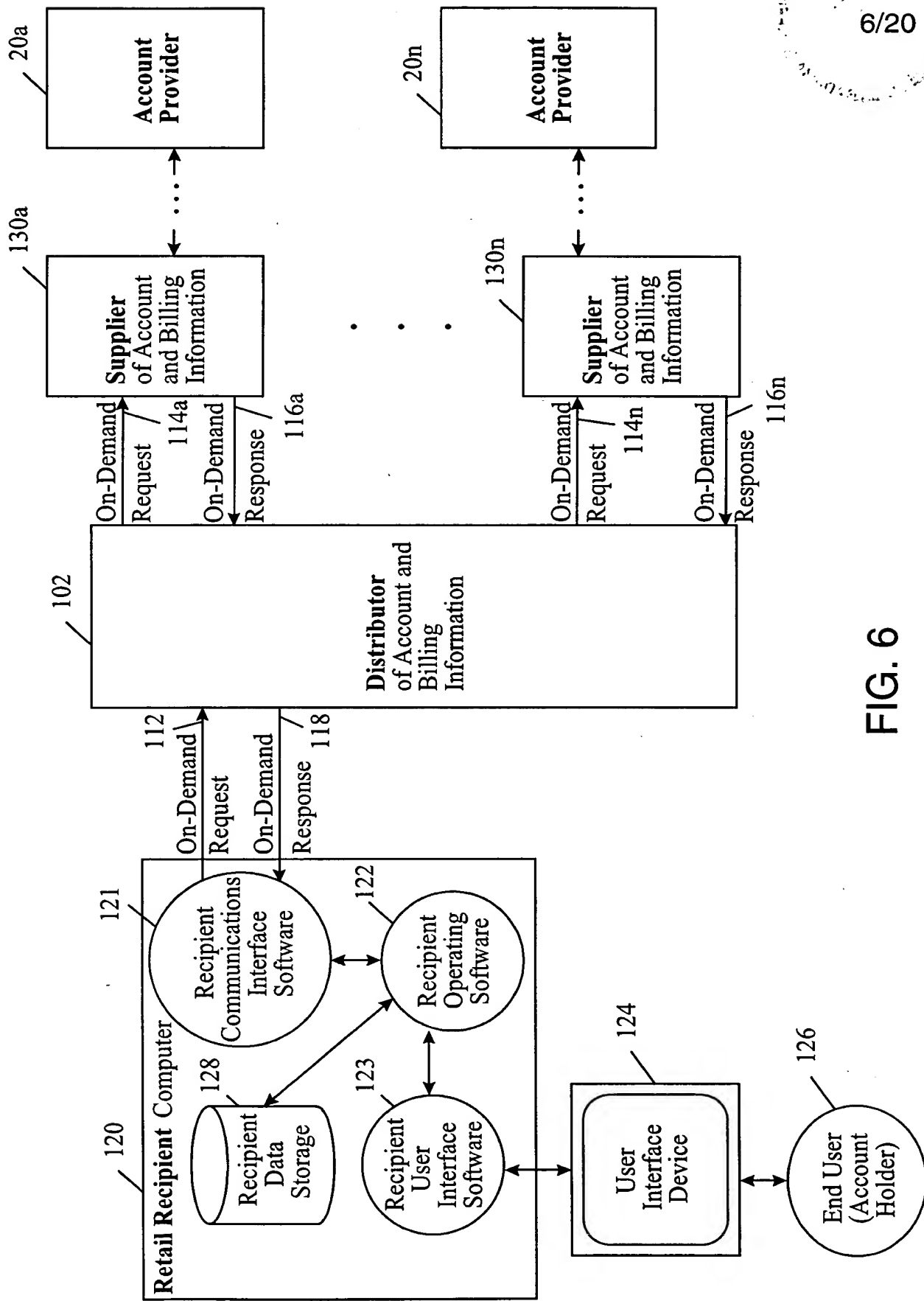


FIG. 6

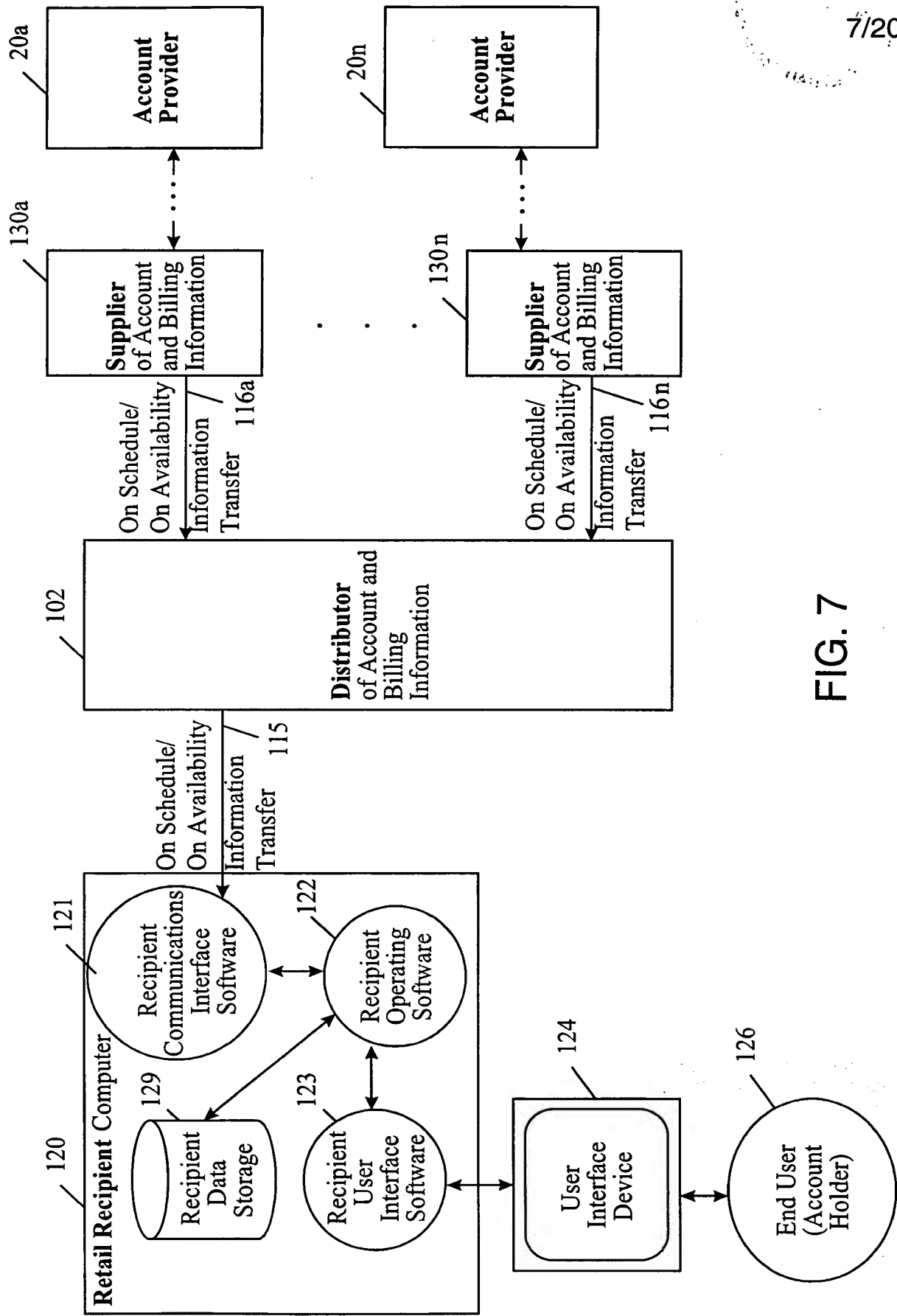


FIG. 7

800

Summary Account and Billing Information

802
John Doe
24 Smith Street
Boston, MA 806

830
Pay Now

	810	812	814
	<u>Date</u>	<u>Account</u>	<u>Amount</u>
820	10/28/90	New England Gas	64.90
822	11/1/90	International Credit C:	655.22
824	11/5/90	Boston Power	<u>43.24</u>
		Total	763.36

826

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FIG. 8

900

Detailed Account and Billing Information

902
John Doe
24 Smith Street
Boston, MA — 906
Account # 14562930

904

901
International Credit Card Company

930

Pay Now

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910	912	914
920	922	924
<u>Date</u>	<u>Charge</u>	<u>Amount</u>
9/4/90	Global Airlines	568.30
9/7/90	Halifax Hardware	14.68
9/11/90	Seattle Sea Grill	72.24
Total		655.22

926

FIG. 9

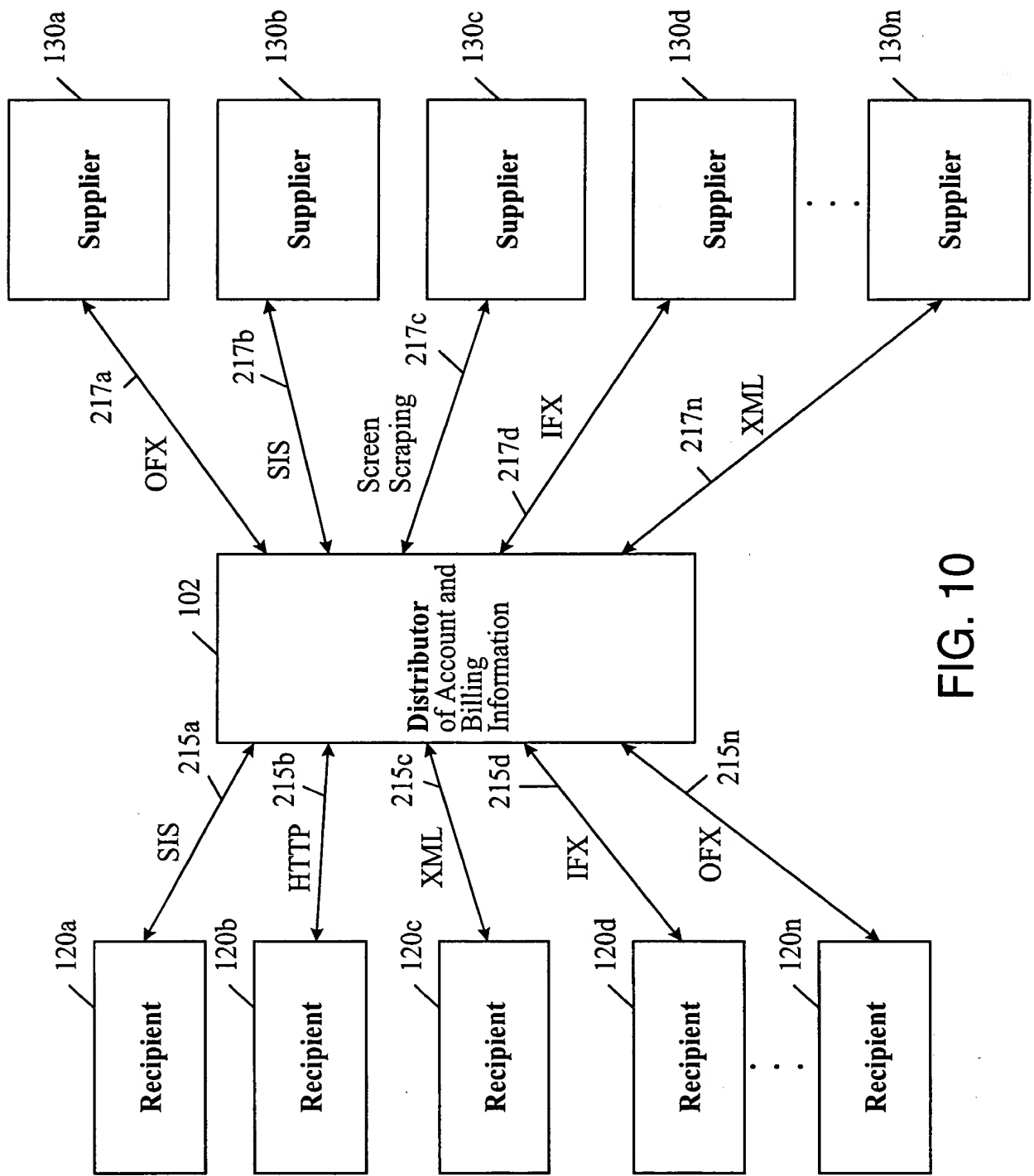


FIG. 10

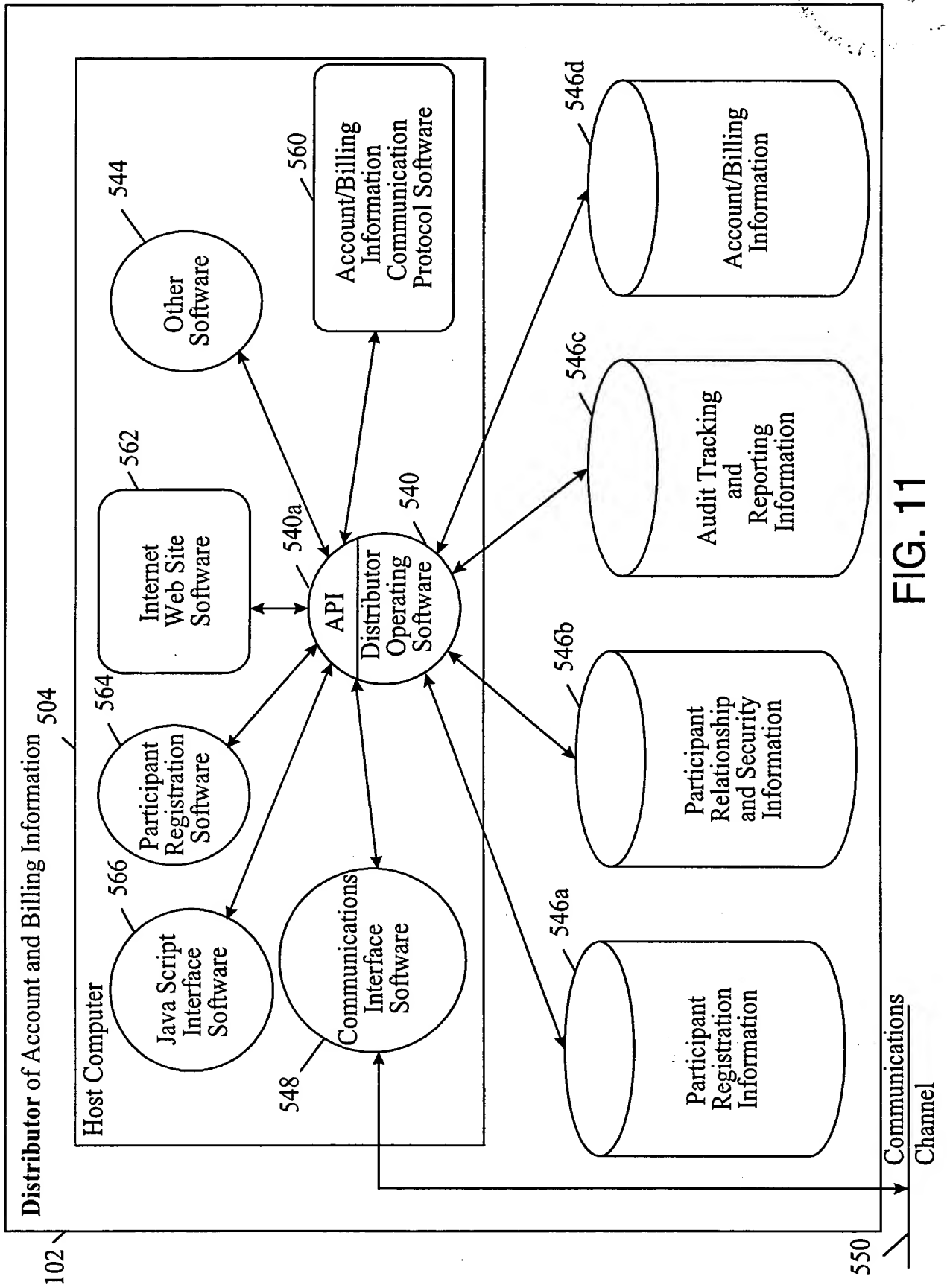
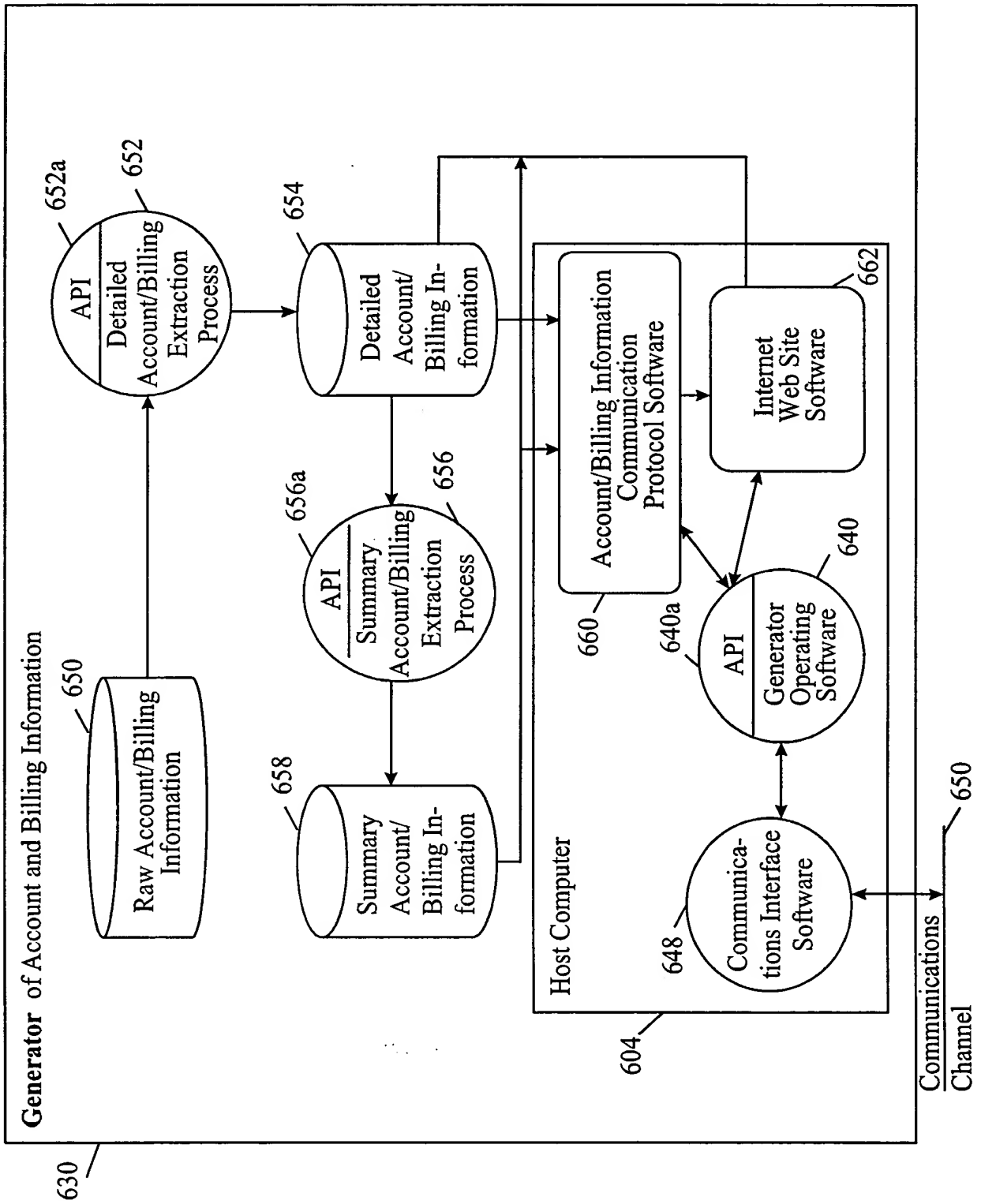


FIG. 11



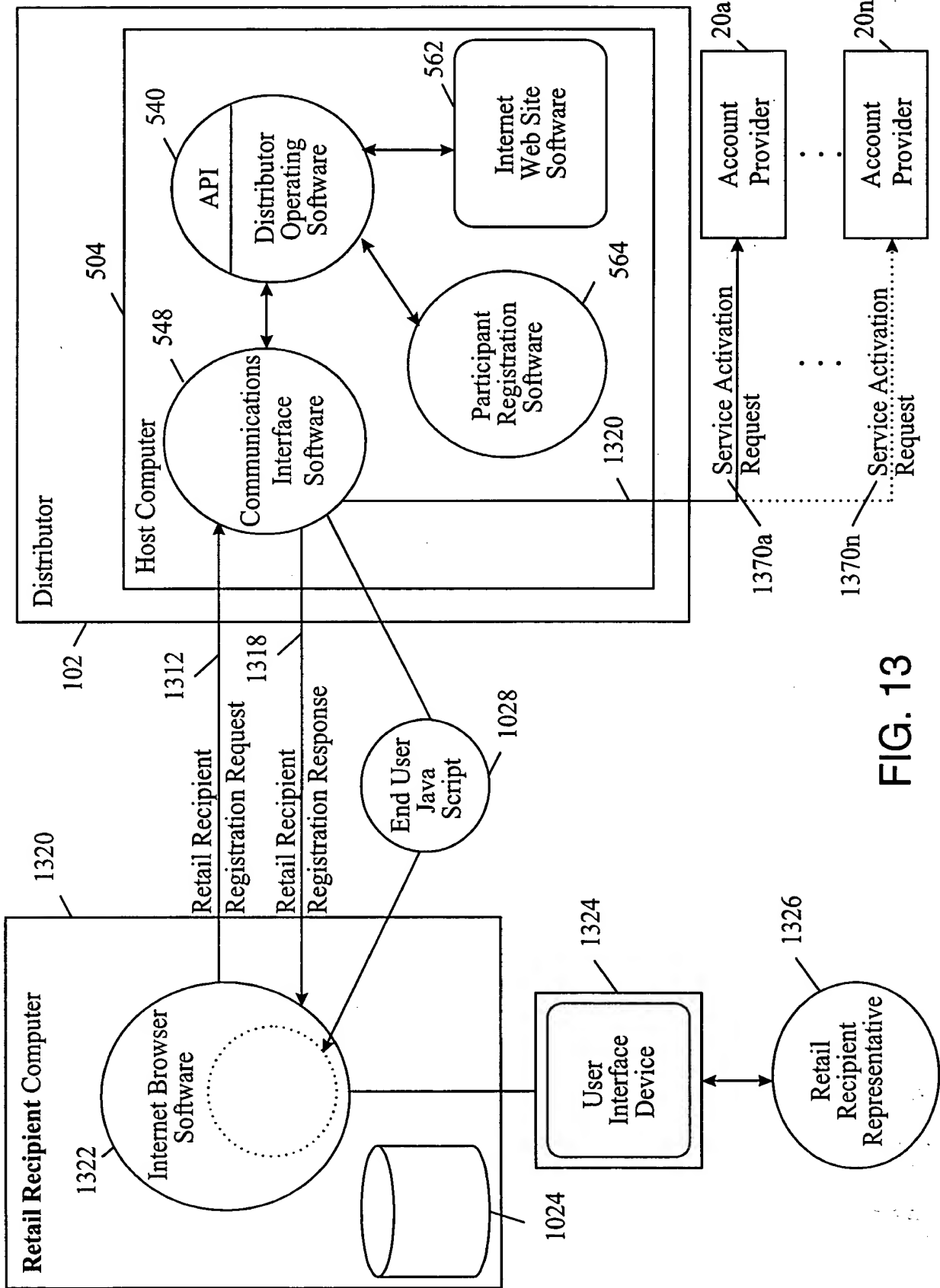


FIG. 13

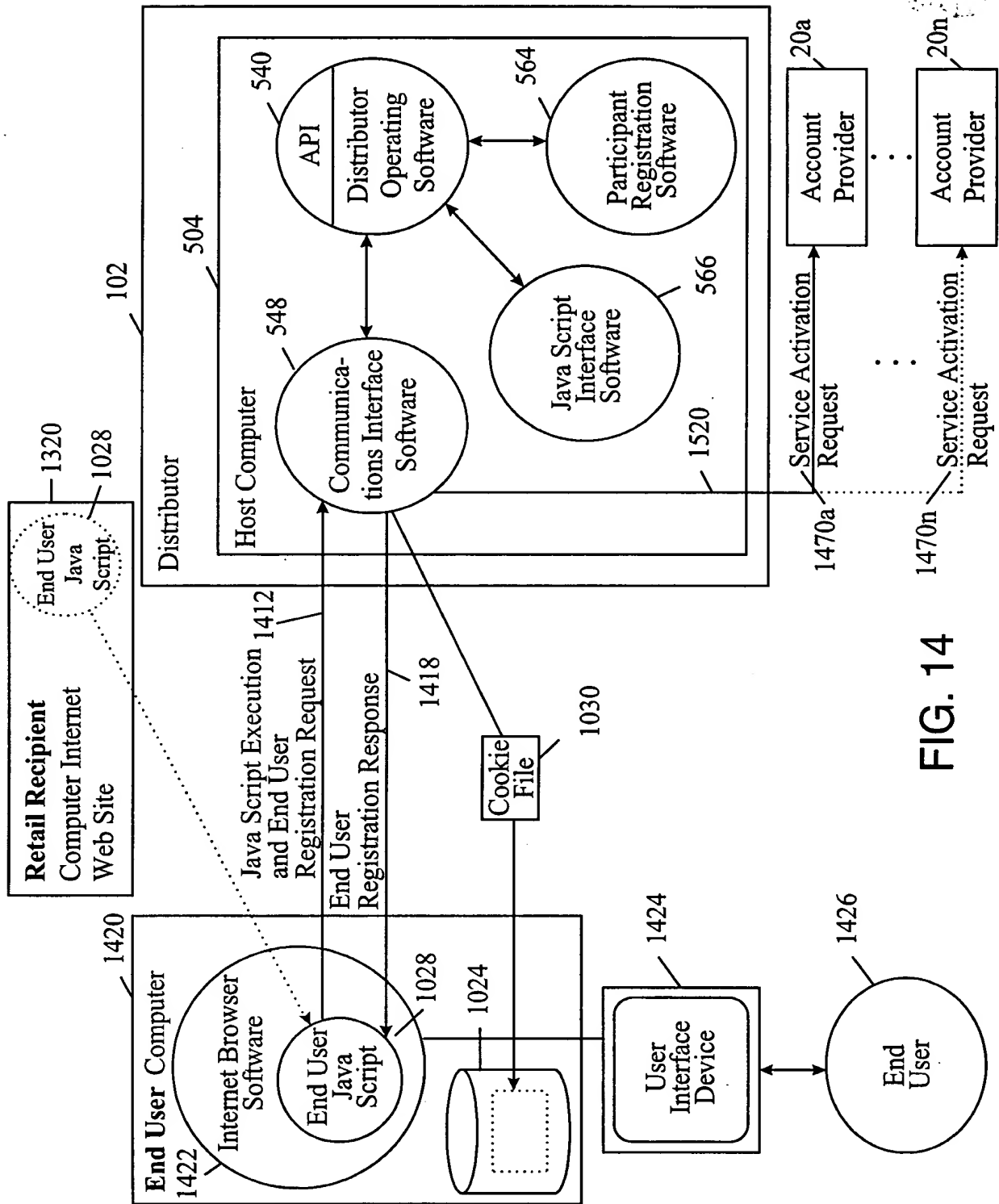


FIG. 14

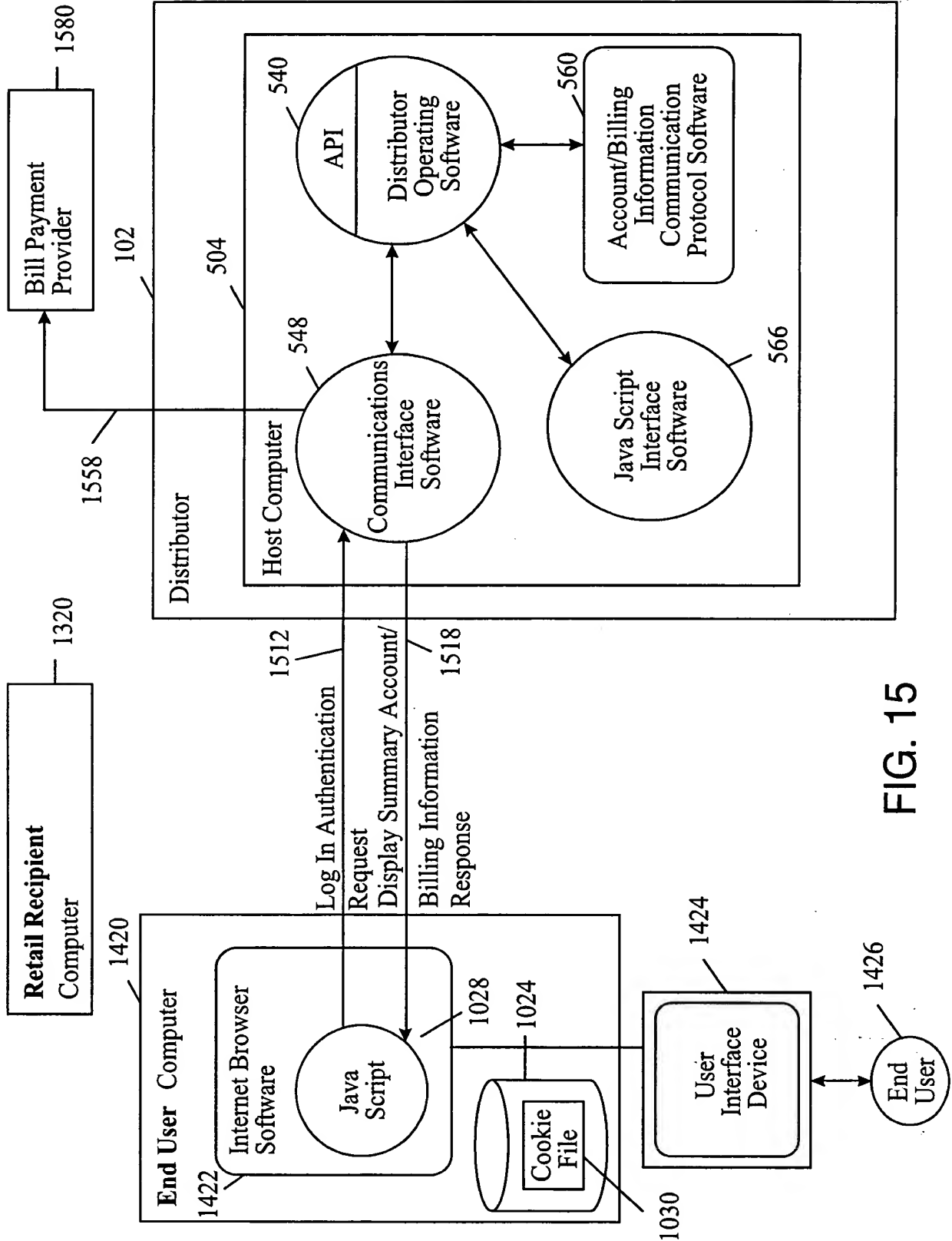


FIG. 15

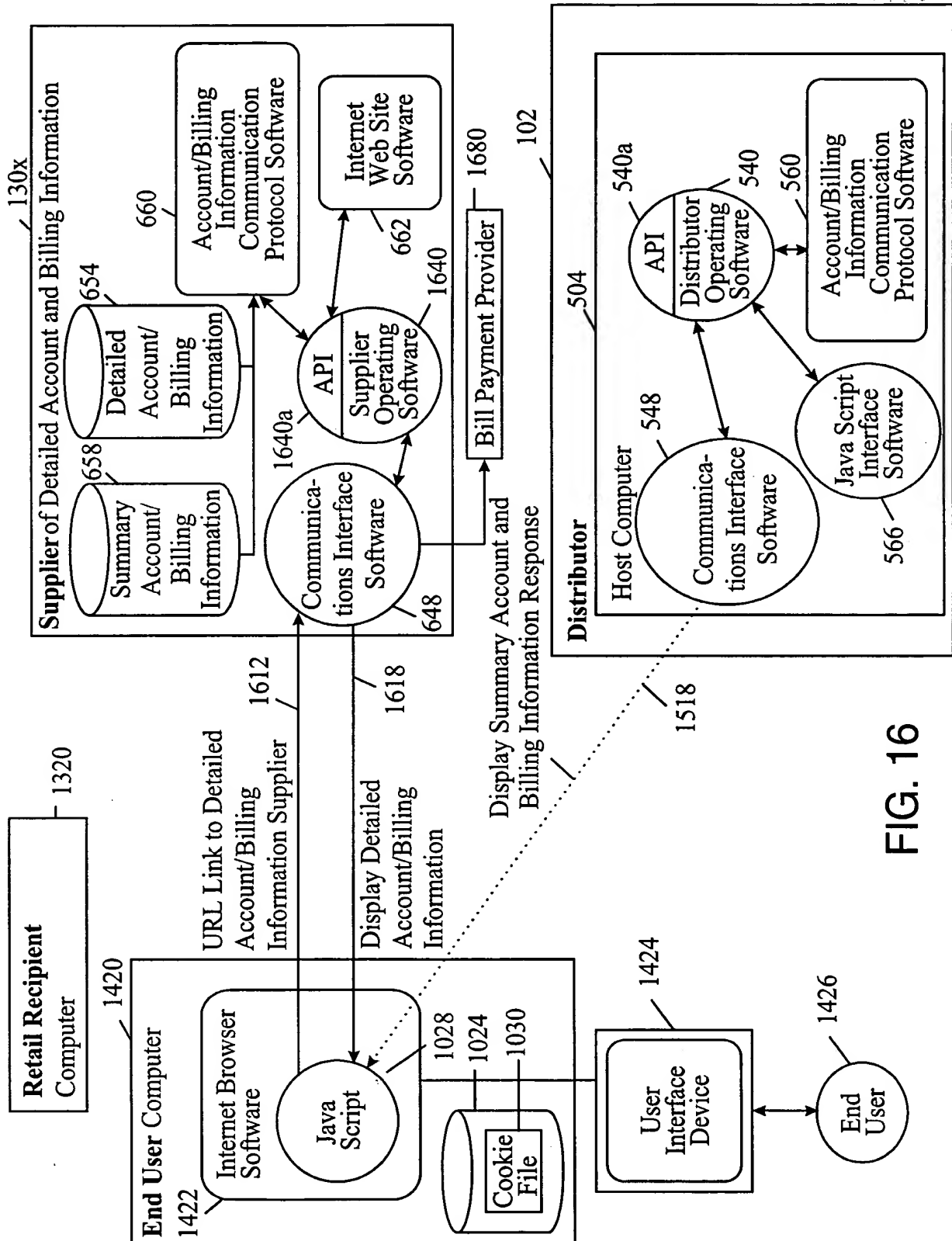


FIG. 16

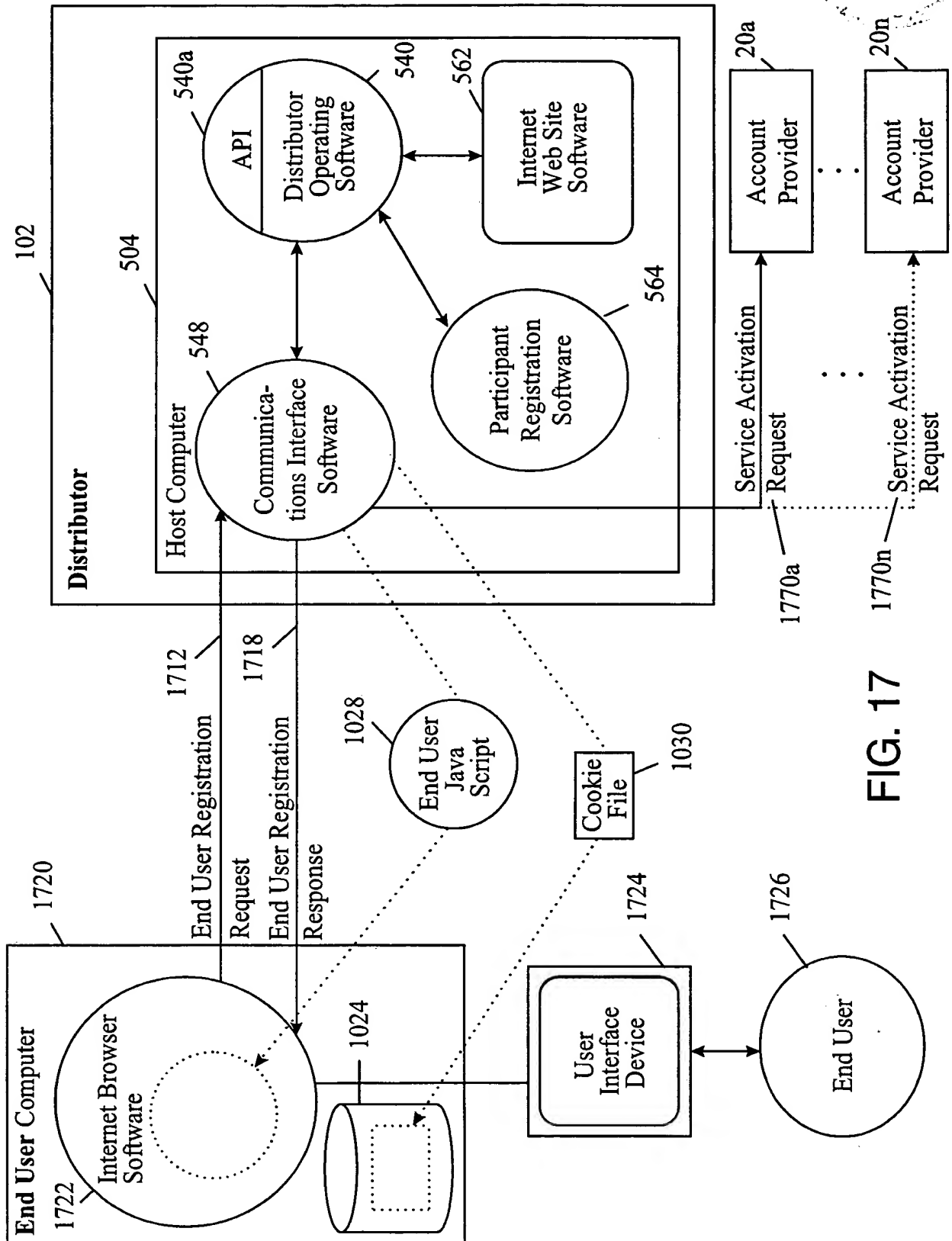


FIG. 17

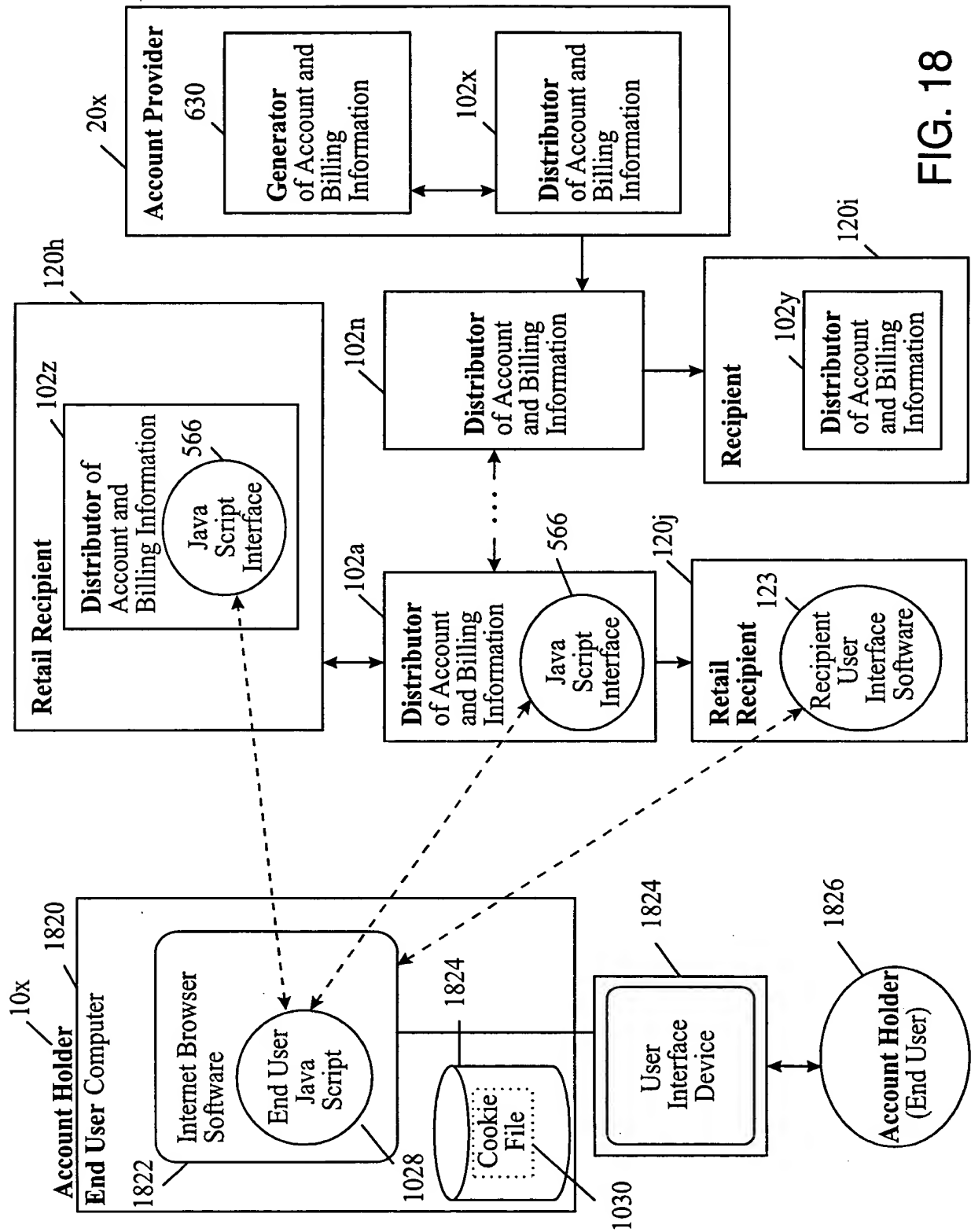


FIG. 18

Vertical Table
(Column Descriptions)

ENTITY_ID	TABLE_ID	COL- ID	TYPE	LENGTH	ORDER	RE- QUIRED	STATE	LABEL	VALIDA- TION	FOR- MAT	STYLE	DISC ETC...
Company1	AccountInfo	c01	CHAR	50	1	Y	Active	ACC No.				
Company1	AccountInfo	c02	CHAR	255	2	N	Active	Username				
Company1	AccountInfo	c03	Private		4	N	Active	PassCode				
Company1	AccountInfo	c04	DATE		3	N	Active	Birthday				
Company2	BillInfo	c01	CHAR	255	1	Y	Active	Username				
Company2	BillInfo	c02	CHAR	255	3	Y	Active	ACC No.				
Company2	BillInfo	c03	CHAR	255	2	N	In- active	PassCode				

FIG. 19A
FIG. 19B

FIG. 19

Variable sized and positioned table dependent
forms determined at run-time

FIG. 19A



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DISTRIBUTOR USER ID	ACCOUNT PROVIDER USER_ID	TABLE_ID	COL_ID	ENTERED VALUE
TOM SMITH	TSMITH-14	AccountInfo	c01	223345676
TOM SMITH	TSMITH-14	AccountInfo	c02	TSMITH-14
TOM SMITH	TSMITH-14	AccountInfo	c04	XXXXXX
ROBERT JONES	BJONES-11	BillInfo	c01	BJONES-11
ROBERT JONES	BJONES-11	BillInfo	c02	3439953232

Vertical Table
(Data Collected)

FIG. 19B